

November 24, 2003

Project 184 Weekly Update
Website: www.project184.org

Summary of Environmental Planning and Compliance Activities
For Project 184
Week Starting November 24, 2003

Mill to Bull Tunnel

Macauley Construction completed restoration work at the Alder spoils transfer area this week. Final matting and straw was placed on the re-contoured slopes. Storm water control measures were installed per design specifications and SWPPP's for both the Alder spoils transfer area and along Alder Road where cut-slope stabilization work was performed.

Canal Bench Restoration

The Final Cultural Resources Monitoring Report for the Canal Bench Restoration Project was completed and transmitted to the USFS this week in accordance with the District's Historic Properties Management Plan as required by FERC. The documentation included pre- and post-construction photos, documentation of a previously undiscovered rock wall, and other construction and restoration events related to the historic rock walls, campsites, and roads in the area.

Lake Aloha Telemetry and Dam Maintenance

On November 14, the District received preliminary written comments from the USFS in response to the draft Project Description distributed by the District to the agencies on October 15.

Powerhouse Water Quality Monitoring

On November 17, the District transmitted a letter to SMUD confirming its interest in the joint planning for turbidity monitoring in the vicinity of the District's Akin Powerhouse and nearby SMUD Camino Powerhouse. EN2 Resources conducted water quality monitoring on November 20 during operation of Unit 1 (under load at approximately 60 cfs).

SWPPP measures are in place and inspections are being performed as required.

Note: Higher flows are expected beginning October 28th through the end of the year in Silver Creek, Caples Creek, and South Fork of the American River. Our flows in the canal system will also be increased to maximum flow levels while we commence dynamic flume testing, Power Generation, and MBT testing.

We will be keeping a constant flow in the canal until Monday, December 1, so that we can begin dynamic flow testing of canal. Between 12/1 and 12/9 the powerhouse will be operated 24/7.

Below is our schedule for increases in the canal.

12/1-100 cfs

12/2-100 cfs

12/3-140 cfs

12/4-140 cfs

12/5-140 cfs

12/6-165 cfs or full canal

12/7-165 cfs or full canal

12/8-165 cfs or full canal

12/9-60 cfs

12/10 until 12/15 the canal will be dewatered to allow inspection of the Mill/Bull Tunnel, and to make any repairs to problems to the canal, which might have been found during the testing.

On 12/15 through 12/31 the flows in the canal will be 60 cfs.

Powerhouse Update:

Both Units #1 & Unit # 2 have been operating daily now since November 12, 2003, 6 to 8 hours a day. This week we are performing further testing and calibration. Powerhouse crews will be operating the powerhouse at 20MW this week for 6 to 8 hours a day. Outages scheduled for repairs to cooling water pumps on November 24th.

Powerhouse Road:

The District is planning on placing rock and grading several areas on the Powerhouse house road but due to the wetness of the road we are going to wait until it dries out. In making the plans for the grading there were several slopes which needed stability work. Karen Quidachay, EN2 Resources, Inc. along with Gary Bischel, EID inspector did archaeological resources inspection. The inspection confirmed that there is no evidence of archaeological resources along the powerhouse road. Cindy Oswald (USFS Placerville Ranger District office) is okay with proceeding with the slope stability work along the road and that EID has met the requirements to protect the cultural resources. The District would like to thank everyone with making this work on such short notice.

Canal

The flows in the canal will be increased between December 1st through 9th, to maximum flow levels while we commence dynamic flume testing, Power Generation, and MBT testing. The canal is being patrolled on a daily basis and there have been no major problems found which would prevent the canal to be filled to its capacity. SCADA is being manned 24 hours a day to insure the reliable and safe operation of the canal.

The residence houses located on the canal have been filled by Camp #5 Hydro employees which will insure the reliable and safe operation of the canal.

Bull Portal dewatering pump rewiring has commenced and weather permitting will be completed by mid December. The material for doing the work was flown in November 19.

EID crews were working at the Staging areas dismantling the old flume and structures, which were located on the canal bench. The reusable material is being hauled to Camp #5 and stock piled, the trash is being hauled to a landfill. The snow has caused delays in finishing the project because of the condition of the roads. We are waiting for a drying out period.

A drill rig was flown into Flume 6&7 to install horizontal drains to relieve the water pressure under the canal section. Work should be completed by December 7, 2003.

A letter has been sent to Sierra Pacific Industries requesting permission to install a gate on the access road into Flumes 39 & 40. The access road has been water barred and erosion measures have been taken.

The work has been complete at the Alder Creek Diversion Dam and the unused material and equipment will be flown out November 19, 2003. The work required changing the sluice gate, repairing the grizzly gate, repair work on the upstream face of the diversion structure and moving some rocks off the side of the flow channel. The repairs required welding and cement based grout work. All work was done in compliance with our Stream Alteration Agreement.

Work was started last week on the slides and Restoration project on the Lower Portals of Alder Creek Road. The contractor will be Macauley Construction and EID will have an inspector on the site overseeing the work. Care is being of keeping the ground protected whenever we have bad weather.

Echo Lake

The flashboards have been removed from the spillway and the conduit has been shut down for the winter. A letter has been sent to the agency requesting permission to remove the EAP site for the winter. Plans and a schedule are being drawing up to repair or replace the conduit and tunnel at Echo Lake in project phases over the next few years. The slumps and rock fall, which has occurred in the tunnel, have been surveyed and plans are being made to repair them. Safety fence has been installed around the areas of concern.

Caples Lake

The flashboards have been removed from the spillway and the facilities have been winterized.

The buildings at Caples Lake have been closed up and winterized for the season.

Silver Lake

The radial gates are fully opened, the flashboards removed for winter and the facilities have been winterized.

Lake Aloha

EID is working closely with the proper agencies to acquire permits for Lake Aloha Dam to install a telemetry station and make repairs to the dam, planed for the fall of 2004. An

inspection trip was made Oct.29 with US Forest Service, EN2 and EID to check the location of the telemetry site. Comments and concerns on the planned work have been received from the Forest Service and the district is reviewing them.

A visit was made October 29, 2003 to Lake Aloha.

Staff 5.64 = 29.5 AF

Lake Aloha is shut down for the winter, which is the normal operating pattern.

**Listed below are the Projects readings for November 24, 2003,
Taken from SCADA:**

	Staff	Ac. Ft.	Draft
Echo Lake	.0	0	0
Echo Conduit	0		0
Echo Creek	1.37		.425 cfs
Caples Lake	48.45	14507	65.2 cfs
Silver Lake	7.83	2252	25.0 cfs
Pyramid Creek	1.58=8.25		

There is 58.4 cfs @ A-11 cfs being released into the canal at Intake, and 64.2 cfs flowing in the South Fork of the American River at Intake.

A-17 Forebay Storage 3,797.0=293 AF.

A-18 EID Irrigation Usage is 8.01 cfs.

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